

APPENDIX C-1

Summary of Proposed Modifications to the California Evaporative Emission Standards and Test Procedures

1. Amendments Proposed for LEV II. The proposed modifications consist of the reduced evaporative standards and their associated requirements. Amendments pertaining to the testing of hybrid-electric vehicles are also included. These modifications are described in Part III of the Staff Report. Please note that the Figures of these test procedures are not included in the electronic version.

2. Amendments Proposed for CAP 2000. The structure of the current evaporative test procedures for 1978 and subsequent model motor vehicles has been reorganized in order to align with the amendments being proposed by U.S. EPA under CAP 2000. Although there have been no revisions to the evaporative requirements as a result of CAP 2000, the language has been rearranged in several places and the section numbers have changed. The main reason for the reorganization is the creation of a new Subpart S in the Code of Federal Regulations (CFR) that applies specifically to light-duty vehicles beginning with the 2001 model year. Only those sections in Subpart S that pertain to the evaporative requirements are contained in the new Evaporative Test Procedures. The general requirements for certification contained in Subpart S are set forth in the “California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles” (LDV/MDV TPs).

Because 40 CFR Part 86, Subpart A will not be effective after the 2000 model year, the current “Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles” would be sunsetted after the 2000 model year and be replaced by a new document, “California Evaporative Emission Standards and Test Procedures for 2001 and Subsequent Model Motor Vehicles” (“new Evaporative Test Procedures”). The new document is organized into four parts:

- Part I - General Certification Requirements for Evaporative Emissions;
- Part II - Durability Demonstration;
- Part III - Evaporative Emission Test Procedures for Light- and Medium-Duty Vehicles;
- Part IV - Evaporative Emission Test Procedures for Motorcycles.

Part I contains the information currently provided in Sections 1 through 3 of current Evaporative Test Procedures. The emission standards in Section 1 are now set forth in Part I.E. of the new Evaporative Test Procedures. The definitions in Section 2 are contained in Part I.B. Because the definitions listed in Section 2 are already contained in either Subpart S or the LDV/MDV TPs, they are not repeated. All of the information contained in Section 3.a. have been amended by CAP 2000 and no longer applies. The requirement in Section 3.b. is contained in Part II.A.4.2. Section 5 of the current Evaporative Test Procedures is set forth in Part I.D.2.

Part II contains the information currently set forth in Section 4.a. through 4.c. of the current Evaporative Test Procedures and has been restructured to align with the Subpart S format proposed under CAP 2000. Aside from the restructuring, the only differences between the current Evaporative Test Procedures and the new document is the addition of the criteria for using assigned deterioration factors (DFs) which were previously located in the LDV/MDV TPs and the elimination of specific mileage test points for durability data vehicles to align with CAP 2000 (Part II.A.2.4).

Part III contains the test procedures currently provided in Section 4.d. through 4.k. of the current Evaporative Test Procedures. The test procedures have been updated to reflect the 2001 model year applicability and also all of the section numbers have been revised (e.g., Section 4.d.iii is now contained in Part III.A.3).

Part IV contains the test procedures for motorcycles that were previously set forth in Section 7.